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User manual

21PT2317/V7

PHILIPS

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SAFETY

GENERAL

- Two people are required to lift and carry a TV that weighs more than 25 kg. Improper handling of the TV can cause serious injury.
- The surface on which the TV is placed has to be level and able to withstand its weight.
- Air must be able to circulate freely through the ventilation slots. Do not place the TV in a confined place.
- Do not place naked flame sources such as lighted candles close to the TV.
- Do not place a vase filled with water near the TV. Spills can results in electric shock. If water gets into the TV, disconnect the TV from the mains and have it checked by a qualified technician.
- Do not expose the TV or the batteries of the remote control to heat, direct sunlight, rain or water
- During a thunder storm, do not touch any part of the TV, power cord or antenna cable.
- Do not leave the TV in standby mode for an extended period of time. Instead disconnect it from the mains.
- Do not connect too much equipment to the same mains socket because it can result in fire or electric shock.

CARING AND CLEANING OF THE TV

- Disconnect the TV from the mains before you clean the TV. Use only a dry cloth.
- Do not touch, push, rub or strike the screen with anything hard as this may scratch or damage the screen permanently.

RECYCLING DIRECTIVE AND PRODUCT DISPOSAL GUIDELINE

Recycling Directive — To minimise harm to the environment, the batteries supplied with the TV set do not contain mercury or nickel cadmium. If possible, when disposing of batteries, use recycling means available to you. Your TV set uses materials which are reusable or which can be recycled. To minimise the amount of waste in the environment, specialist companies recover used sets for dismantling and collection of reusable materials (contact your dealer).

Product disposal Guidelines:



For the purpose of recycling to facilitate effective utilization of resources, please return this product to a nearby authorized collection center, registered dismantler,

recycler, service center when disposing of this product.
In case of further assistance, you may contact nearest authorized service center.
Or Please see the Company website for further information on collection centers etc

| Visit-nttp://www.philips.com OR Standard Call Rates Apply-1860 180 1111, Toll Free Number - 1800 102 2929 संसाधनों का प्रभावी उपयोग सुगम बनाने हेतु पुनः चक्रण के प्रयोजन से इस उत्पाद को कृपया निकटवर्ती अधिकृत संग्रहण केंद्र, पंजीकृत भंजक या रिसाइकिलर (पुनः चक्रण्कर्त्ता) को वापस करे ।

अधिक जानकारी के लिए निकटवर्ती अधिकृत सर्व्हिस सेंटर (सेवा केंद्र) से संपर्क करें। या संग्रहण केंद्रों इत्यादि के कारे में अधिक जानकारी के लिए कृपया कंपनी की वेबसाइट देखे :-

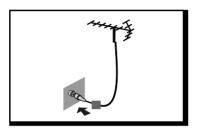
Visit-http://www.philips.com
OR Standard Call Rates Apply-1860 180 1111, Toll Free Number - 1800 102 2929

BEFORE CALLING SERVICE

Below is a list of frequently occurred symptoms. Before you call for service, make these simple checks. Some of these symptoms can easily be rectified if you know what to do.

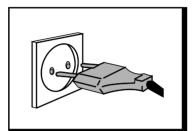
Symptoms	What you should do
Colour patch (uneveness)	 Switch off the TV by the mains power button. Wait for 20 minutes before switching on again. Check the TV is not placed too near speakers or magnetic objects.
No power	Check the TV's AC power cord is plugged into the mains socket. If there is still no power, disconnect plug. Wait for 60 seconds and re-insert plug. Switch on the TV again.
No picture	Check the antenna connection at the rear of the TV.Possible TV station problem. Try another channel.
Good picture but no sound	 Try increasing the volume. Check that the sound is not muted. If it is muted, press the Mute button on the remote control to restore sound.
Good sound but poor colour or no picture	• Try increasing the contrast and brightness setting.
Snowy picture and noise	Check antenna connection at the rear of the TV.
Horizontal dotted lines	Possible electrical interference e.g. hairdryer, vacuum cleaner, etc. Switch off appliances.
Double images or "Ghost" images	Possible poor positioning of antenna. Using a highly directional antenna may improve reception.
TV not responding to remote control	Aim remote control directly at remote sensor lens on the front panel of the TV. Check life span of batteries of the remote control.

TV HOOKUP (BASIC CONNECTION)



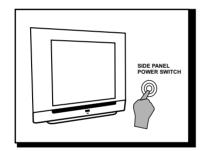
Antenna connection

- Connect the aerial plug to the antenna socket on the backcover.
- Insert the mains plug into the wall socket.



Mains connection

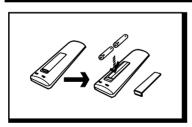
- For correct mains voltage, refer to type sticker at the rear of the TV set
- Consult your dealer if mains supply is different.
 Note: This diagram is not representative of the actual plug and socket.



Switching on the set

- Press the main power button to switch on/ off the TV.
- If the set is on standby (indicator is light), press the Power button on the remote control to switch on set.

REMOTE CONTROL CARE AND USE



- Insert the correct type of batteries into the compartment.
- Ensure the batteries are placed in the right direction.

Operating instructions generally explains the operation of the TV set using the buttons on the remote control unless otherwise stated. Please read the following instructions carefully and follow the steps as shown to familiarise yourself with the installations and all features available in your set.

LOCATION AND FUNCTION OF CONTROLS ON REMOTE HAND SET

Note :- Remote Control (Depending on the Models) and operation of remote control may be affected by bright artificial light near to the TV.

1. POWER

Switch the set ON to Standby or Standby to ON.

2. ZOOM

ZOOM is for adjusting aspect ratio.

3. LOCK

Select Lock menu.

Note: Depending on the Model

Press the SCAN button, the television will scan all the program in memory once. Every program will stay for about 1 second.

5. GAME

Note: Not applicable for this model.

6. 🙂

Note: Not applicable for this model.

7. SLEEP (())
Set the sleep timer from 0 to 120 minutes.

8. DISPLAY ([+)

Display the information and press again to exit the display.

Note: Not applicable for this model.

10. MENU

Select & deselect main menu.

11. INCR SURR

Note: Not applicable for this model.

12. OK

Note: Not applicable for this model.

13. CURSOR

These 4 Keys are used to move around the menus.

14 SMART SOUND(SOUND)

Press the SOUND button to cyclically select CUSTOM, VOICE, MUSIC, THEATRE.

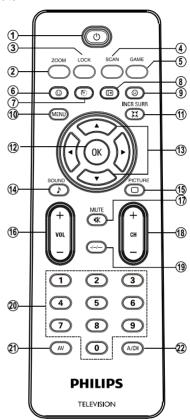
15. SMART PICTURE (PICTURE)

Press the PICTURE button to cyclically select STANDARD, GAME, MOVIE, SPORTS, CUSTOM.

16.VOLUME UP/DOWN

Adjust the Volume & Menu settings.

Switch sound ON/OFF.



18. PROGRAM UP/DOWN

Select program or Menu item. Switch set ON from standby.

19 - -/--/---

Note: Not applicable for this model.

20.DIRECT PROGRAM NUMBER SELECTION KEYS(0-9)

Se lect program number.

21 AV (TV/AV)

Select TV or AV mode.

22 A/CH (QUICK VIEW)

Return to previous viewed program.

LOCATION AND FUNCTION OF CONTROLS ON REMOTE HAND SET

ON AND OFF

- I. Press the main power switch to switch on the set.
- 2. If set in standby mode, press (b) key, or 0-9 button of remote controller to switch on the set.
- 3. Pressing wey on remote control the set reverts to standby mode.
- 4. In case to switch Off the set again press the main power switch.

NOTE:

While the set is switched on and main power gets disconnected, the set will be switched to standby mode after regaining power.

PROGRAMME SELECTION

You can select a programme number with CH+/CH- key or by directly pressing 0-9 keys from remote.

VOLUME ADJUSTMENT

Press VOL+/VOL- key to adjust volume level.

A/CH (QUICK VIEW)

Press the A/CH key to view the last program.

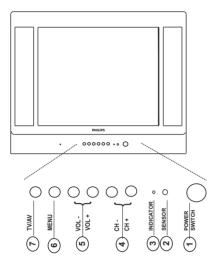
MUTE FUNCTION

Press the key and the sound will be switched off.

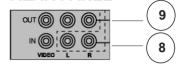
You can cancel it by pressing (again or by VOL+key.

LOCATION AND FUNCTION OF CONTROL ON TV SET

FRONT PANEL



REAR PANEL



Note: The Actual configuration or position of controls of your TV may be different depending on TV model.

1.MAIN POWER SWITCH

Switches the set ON or OFF.

STAND BY

Switches the set ON to Standby or standby to ON.

2.REMOTECONTROL SENSOR

Receives remote instructions.

3.POWER INDICATOR

LED indication shows the standby status of the set.

4.CHANNEL UP/DOWN

Switches set ON from standby. Select program or menu item.

5. VOLUME UP/DOWN

Adjust the volume Adjust Menu Settings.

6.MENU

Selects or Deselects Main Menu. Return from submenu to main menu.

7.TV/AV

Switches to TV/ AV Source.

8. AV IN

Video IN (Yellow color socket) Audio L IN (White color socket) Audio R IN (Red color socket)

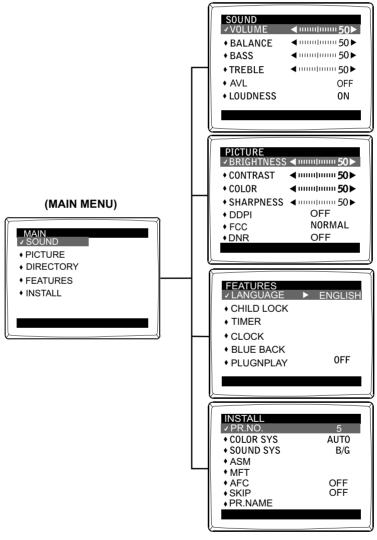
9.AV OUT

Video OUT (Yellow color socket) Audio L OUT (White color socket) Audio R OUT (Red color socket)

Note: Only Supports RF Audio &Video OUT.

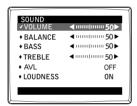
MENU SELECTION

- 1.Press (MENU) key to display MAIN MENU
- 2.Press (H) (H) key to select sub menu and (O) (O) key to enter into sub menu 3.Press (H) (H) key to select feature in sub menu
- 4. Change the settings of the selected feature by (OL) (VOL) key To enter in selection, press key. To come out of menu, pressmenu or CALL key
- 5. You can also select SUB MENU and enter into SUB MENU by using A/+ and A/4



Communication between you and the set takes place on the screen through operator menu Press menu key, Main menu with list of submenus will appear on the screen





MENU CONTROLLED FUNCTIONS

1. MAIN MENU

Press menu key on the remote handset or the front panel to display main menu on the screen. Sound, Picture, Directory, Features and Install submenu options get displayed in this menu. Press CH+/CH- or ▲/▼ key to select option and press VOL+/VOL- or ◄/▶ to enter into submenu. Press CH+/CH- or ▲/▼ key to select parameter in submenu and change the settings of selected parameter by VOL+/VOL- key

2. SOUND MENU

Press menu key to display main menu. Then select the sound submenu by pressing CH+/CH- or ▲/▼ key and press VOL+ or ▶ key to enter into it.

This menu has several settings which allow you to control the sound quality. User can select any parameter in sound menu by pressing CH+/CH- or ▲/▼ key and adjust it to desired setting by VOL+/VOL- or ∢/▶ key.

VOLUME: User can set loud speaker output as desired by setting volume. User can set volume by VOLUME UP/DOWN key directly without going into sound menu.

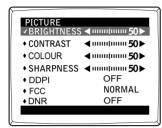
BASS: User can adjust low tone level of the loudspeaker output.

TREBLE: User can adjust high tone level of the loudspeaker output.

BALANCE: User can balance the sound of the left and right speaker.

AVL: Auto volume leveler, Automatically reduces sudden volume changes, for example when switching channels.

LOUDNESS: Loudness function can be used to compensate the human ear sensitivity loss specially at low and high frequencies with lower volume. It gives more effect on music channels as compared to vocal channels.



3. PICTURE MENU:

Press menu key to display main menu. Then select the picture submenu by CH+/CH- or ▲ / key and press VOL+ or ▶ key to enter it.

This menu has several settings which allow you to control the picture quality. User can select any parameter in picture menu by pressing CH+/CH- or \star/\star key and adjust to desired setting by VOL+/VOL- or \star/\star key.

BRIGHTNESS: User can adjust brightness to set bright level of the picture which is displayed on the TV screen.

CONTRAST: User can adjust contrast level of the picture which is displayed on the TV screen.

COLOUR: User can adjust colour to set the colours of the picture which is displayed on the TV screen.

SHARPNESS: User can adjust sharpness to set the sharpness level of the picture that is displayed on the screen.

TINT: This is applicable for NTSC playback only. Use this function to adjust the tint of the picture for NTSC **signal**.

DDPI: (Digital Dynamic Picture Improvement)

This feature improves contrast, white level, picture detail, skin tone effect and improves lower quality video inputs. With this feature ON you can view the overall improvement in picture quality. This feature enables you to split the screen vertically into two parts in DEMO. With this demo feature you can see the left half of the picture without picture improvement effect and right half with picture improvement effect.

FCC (Favorite Colour Control): It allows you to adjust the background colour of the picture from red to blue or vice versa.

DNR: This feature will appear as you scroll down the cursor in picture menu. If the signal received by the TV is weak, you can activate DNR feature any static and ghosting that may appear on the screen . It reduces the noise in the picture .



4) DIRECTORY MENU

Press menu key to display main menu. Then select the directory submenu by CH+/CH- or △/▼ key and press VOL+ or ▶ key to enter it.

You can see an array of program numbers on the screen. Program no. form 1 to 249 can be accessed by using VOL+/VOL- or / key and CH+/CH- or / key. You can see the program name which you have written in install menu for each program. Two important functions can be executed in directory

MOVE :You can move the program from current position to desired position. Go to the program which you want to move and press ☐ picture key on remote to select program. Selected program will appear in red colour. then go to the program where you want to move that program and again press ☐ picture key on remote to execute move operation.

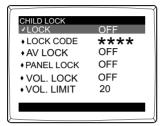
DELETE: You can delete any program in the directory menu. Go to the program which you want to delete and press ♪ sound key on remote to select that program. Selected program will appear in red colour. Now again press ♪ key on remote to execute delete operation. You can again see the deleted program after ASM.

5) FEATURES MENU: Press menu key to display main menu. Then select the features submenu by CH+/CH- or △/▼ key and press VOL+ or ▶ key to enter it

User can select any parameter in features menu by pressing CH+/CH- or △/▼ key and adjust it to desired setting by VOL+/VOL- or ▶/◀ key.

LANGUAGE: Go to the language option by CH+/CH- or ^/▼ key and select appropriate language by VOL+/VOL- or ▶/ ∮ key. You can select ENGLISH or HINDI language, which will be used for displaying menus and indications selected in language.





CHILD LOCK: Select child lock menu by CH+/CH- or ▲ /▼ key in features menu and press VOL+/VOL- or ▶ /◀ key to enter child lock menu. This menu has Lock, Lock code, AV Lock, Panel lock, Volume lock, Volume limit.

Install menu, Directory menu and child lock menu cannot be operated if lock is ON. It can also prevent unauthorized viewing of any particular program if PR lock in install menu for that channel is ON. Once you have entered lock code to unlock the program or to enter into Install/ Directory/ child lock menu it will not ask lock code again till the set is in ON condition. You can give lock code with four digits. Master password to open the lock is '8888'.

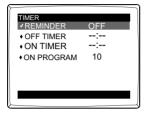
AV LOCK: Is used to lock AV operations.

PANEL LOCK: When panel lock is ON, Front panel key operations will not be possible, so in this condition only remote will work.

You can lock the volume upto a certain level beyond which you do not want to increase further by volume lock to ON. You can set desired volume level for volume lock in volume limit. To exit from lock menu, press MENU or CALL key

VOL LOCK: Selecting the ON Option,Vol Limit can be adjusted.

VOL LIMIT: The main volume is limited by setting VOL LIMIT .User cannot increase the main volume greater than VOL LIMIT selected.





TIMER: To access the timer menu, move the cursor to timer option in features menu. you can set the reminder timer upto 120 minutes and you can be warned at the set remainder time. You can set ON/OFF timer by using 0 to 9 keys. Your TV set will switch ON/OFF automatically at the time you select. Set program no. in on program by using 0 to 9 keys. Set will get switched ON to that program no. by default after execution of ON timer.

CLOCK: You can set time by using 0 to 9 keys and in mode you can select AM/PM or 24 HRS or ALARM OFF. On/Off timer will not work if you set mode as ALARM OFF.

Clock display will appear continuously on screen by pressing call key, and will disappear by pressing call key again.

Following features will appear as you scroll down the cursor in features menu.

BLUEBACK: When blue back is ON, sets the screen in pleasant blue colour, if no signal is being receive in TV/AV mode. Blue back gets disabled as soon as the transmission resumes. It also gets activated automatically with poor signal reception. For watching TV in poor signal reception, you can OFF the blue back. Blue back gets off automatically if blue back is present for more than approximately 10 minutes.

PLUG AND PLAY: When the television is initially powered on, plug and play is the basic setting that proceeds automatically. Make it on if you nee to tune all available channels every time after set switch ON from mains. To stop plug and play press MENU or CALL key. Plug & Play will not execute when Child lock in lock menu is ON.



6. INSTALL MENU:

Press menu key to display main menu. Then select the install submenu by CH+/CH- or \checkmark key and press and press VOL+ or \checkmark key to enter it.

PR NO: You can see program number in install menu and by using VOL+/VOL- or ▶ / key you can select next/previous channel.

COLOUR SYS: By using VOL+/VOL- or ▶ /4 key you can set the colour system in AUTO/NTSC-4.43/NTSC 3.58 / PAL-4.43 mode. Try to change the setting till proper colour appears in the picture. Note: For some NTSC transmission channels make colour system to AUTO to get proper colour in the picture.

SOUND SYSTEM: Sound system BG is followed by India.

ASM (Auto Search Memory): This Feature is useful to tune all the channels in the frequency range available to you and store them. Auto tunning starts from program no.1 to stop auto tunning, press MENU key. If any program skips during ASM, retune the set with ASM or search.

MFT: This allows to fine tune the channels manually in case of weak or distorted signal. For the fine tuning select MFT in the install menu and for adjustments use VOL+/- or ▶ /4 key and press & hold VOL+/- or ▶ /4 key, it allows manual searching to tune next/previous channel from the current channel.

AFC(Automatic frequency control): Make AFC on to keep automatically fine tuning the searched channel.

AFC becomes OFF when you manually fine tune the channel.

The following features will appear as you scroll down the cursor in install menu.

SKIP: You can skip unwanted programs with this feature. The skipped programs will not be selected by CH+/CH- or •/• key press on remote or TV set, but it can be selected by pressing skipped program no. by direct digit key selection on remote. The program no. will change colour to red for skipped channel indication. To un skip the channel, select SKIP in install menu and make it OFF.

PR. NAME: This allows you to assign the name of a program of maximum six characters. Use VOL+/- or \blacktriangleright /4 key to move the cursor to write the program name and selects the characters / numbers by pressing CHANNEL UP/DOWN key on remote or on TV set. To see program name on the screen, press call key.

PR LOCK: This lock is used to lock or unlock the programs to prevent unauthorized viewing of children. This function is active only if LOCK in CHILD LOCK menu is ON.

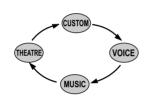
DIRECT KEY FUNCTION



DIRECT KEY FUNCTIONS

1) SELECTABLE PICTURE: You can select the type of picture which suits correspond to your viewing requirements in which picture settings like Contrast ,Brightness ,Colour and Sharpness are adjusted to the levels you prefer. There are 5 modes, CUSTOM-MOVIES-SPORTS-STANDARD-GAME, of selectable picture that can be accessed by direct key on the remote handset.

NOTE: In normal use, user is recommended to keep picture mode setting in GAME mode for optimum power consumption.



2) **ZOOM:** You can enjoy two levels of picture size. Normal picture format of general TV is 4:3. You can access this feature by ZOOM key on the remote

3) SELECTABLE SOUND: You can select type of special sound effect to be used when watching TV which suits correspond to your requirements in which sound setting like Bass ,Treble are adjusted to the levels you prefer.

There are 4 modes, **CÚSTOM -VOICE-MUSIC-THEATRE**, of selectable sound that can be accessed by direct key on the remote handset

4)MUTE:Press the MUTE key .MUTE Symbol will appear on the screen and the sound will be switched OFF.You can cancel mute by pressing MUTE key again or by VOLUME UP key.

5)SLEEP:The sleep timer can set by using SLEEP key on the remote. This feature can be used to switch off the televison automatically after predefined time. You can set sleep timer upto 120 minutes

6)SCAN: To scan all the tuned programs, press the key marked SCAN on the remote handset. Press any key to discontinue the scanning.

7) PROGRAMME SELECTION

You can select a programme number with CH+) / CH-) key or by directlypressing 0-9 keys from remote.

8) VOLUME ADJUSTMENT

Press (VOL+) / (VOL-) key to adjust volume level.

9)QUICK VIEW

Press the A/CH key to view the last program.

SPECIFICATIONS

Product Type	21PT2317/V7
Picture	
Display Screen	Real Flat
Diagonal Screen	54 cm
Visible diagonal Screen size	51 cm
Aspect Ratio	4:3
Sound	
Sound output	300W
Sound System	AV stereo
Sound Feature	Mute,Balance control,Smart Sound
Convenience	Sleep timer, Auto store, Smart Picture
Reception	
TV System	PAL/BG
Video Playback	PAL,NTSC
Connectivity	
Rear	AV IN Monitor out Anteena in(75)□
Back	AV IN
General	
Mains Volt/Freq	AC 110-240V ~ 50/60Hz
Power Consumption	120W
Net Weight	22.5kg
Gross Weight	26.5Kg
Set Dimension (W x D x H) mm	617 X 494 X 475 mm

Note :Specification are subject to change without notice.

Consumer Guidelines

- 1.Kindly ensure that the dealer fills out Warranty card correctly.
- 2. To avail the Warranty please register your product with the Philips.
- Log on to www.philips.com OR
- Contact Philips Consumer Care Centre
- 3.In the unlikely event of a defect developing in the TV set contact the Philips Customer Care Centre for obtaining warranty service and inform of the defect observed in the set, the type no. and serial no. of the set.
- 4.On your lodging a complaint, a trained technician will call on you promptly. In the event of the technician deciding that set requires attention at the service station; the technician would arrange to get the set picked up to be delivered to service station for further attention. "Homecalls" by the technician would however be restricted within the municipal limits of the city/town in which the set has been registered.

Type no Serial No	Date of Purchase	
Purchased By: Name		
Address:		
	Tel.No.	
Address:		
7 tdd1000.	Tel.No	
PHILIPS	Sold by(User rubber stamp)	
	Cold by (Cool Tubbol Stamp)	
Model no: 21PT2317/V7		
Serial no.:		
MADE IN INDIA		

Contact Customer Service Executive at: 1860 180 1111 (Standard Call Rates Apply) 1800 102 2929 (Tol free No.)

Regd Offcie: PE Electronics Limited, Auto Cars Compound, Adalat Road, Aurangabad, 431005.

WARRANTY

This TV receiver is covered under warranty against any defect arising out of faulty or defective material or workman ship for a period of 12 months from the date of purchase.

Should a defect develop in this set during the period of warranty,PE Electronics Limited undertakes to get the set repaired free of charge either

From whom the set has been purchased or through an Authorised Service Center for warranty service. However, if the Purchaser has to shift his residence to another town on account of transfer or other reasons, the warranty benefit will be available at the Authorised Service Center of that town.

The warranty is not valid in case of any of the following events:

- The TV set is not used according to instructions given in the 'Direction for use' / 'User Manual'
- · .Defects are caused by improper or reckless use.
- Any repair work carried out by persons other than a Philips dealer or Authorised Service Center.
- · Any modification or alteration of any nature made in the electrical circuitry of the set.
- This Warranty Card is not completed and signed immediately on delivery of the set by the Philips Dealer.
- Fading effects and/or Ghosts (Multiple Image) in picture, if any, arising due to location / signal reception.
- Defects due to causes beyond control like lightning, abnormal voltage, Acts of God or while in transit to purchaser's residence.

(Refer Consumer Guidelines for further details)



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